

19980908.qrp v01_n208.qrs.980908

Date: Tue, 8 Sep 1998 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1208

QRP-L Digest 1208

Topics covered in this issue include:

- 1) [19577] Re: JUNO QRT Me Soon!
by ka7you@juno.com
- 2) [19578] Identify solder-solder table
by dave_epps@juno.com
- 3) [19579] Re: NorCal Cascade want
by w2bj@juno.com (Barry J Minsky)
- 4) [19580] FS: Heath HFT-9
by "William C. Robbins" <billrobb@net-link.net>
- 5) [19581] LDG tuners
by Scott Howell <showell@hq.nasa.gov>
- 6) [19582] Re: Need O'scope recommendations
by "George T. Baker" <w5yr@swbell.net>
- 7) [19583] Antennas for Condo
by w2bj@juno.com (Barry J Minsky)
- 8) [19584] K6NCG Photo's
by AE0Q V31RY <v31ry@ix.netcom.com>
- 9) [19585] trade/TRADE
by bkobie@webtv.net (patrick obrien)
- 10) [19586] Re: JUNO QRT Me Soon!
by "Ron Smith" <resmith666@uswest.net>
- 11) [19587] Cascade want
by "David D. Meacham" <ddm@datatamers.com>
- 12) [19588] LDG tuners
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 13) [19589] MI Labor Day Sprint
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 14) [19590] Contests
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 15) [19591] "Why QRP?" presentation now online
by "Heron, George" <G.Heron@dialogic.com>
- 16) [19592] Re: LDG tuners
by B11john@aol.com
- 17) [19593] Fwd: NW30 ! A mod sent from Roy Gregson
by Scott Bauer <ke3nv@erols.com>
- 18) [19594] FD & backpacking photos on my web site
by "David Ek" <ekdave@earthlink.net>
- 19) [19595] Re: Contests

- by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 20) [19596] Calling All Rocket Scientists!
by wb2vuo@juno.com (William K Hibbert)
- 21) [19597] Re: K2 QSK characteristics ?
by marion@montana.com
- 22) [19598] AL7FS and the Sprints
by "Jim Larsen (AL7FS)" <larsennc@alaska.net>
- 23) [19599] MI QRP K0FRP
by alan dawkins <alk0frp@earthlink.net>
- 24) [19600] Joe Everhart Pizza Dinner Tonight (Tuesday)
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 25) [19601] Re: Calling All Rocket Scientists!
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 26) [19602] NW30 Extended Tuning Mod
by Lee Bahr <bahr521@earthlink.net>
- 27) [19603] Re: LDG tuners
by "Radman" <radman@best.com>
- 28) [19604] Re: K2 QSK characteristics ?
by "Radman" <radman@best.com>
- 29) [19605] The Low-down on Low-pass filters (long)
by gsurrency@juno.com (Gary L Surrency)
- 30) [19606] "The Art of Electronics" -- revisited
by "Radman" <radman@best.com>
- 31) [19607] Re: JUNO QRT Me Soon!
by "Bill Todd" <bill@willapabay.org>
- 32) [19608] On-Air Indicator
by "Brian Jones" <brian_jones@uk.ibm.com>
- 33) [19609] Re: Contests
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 34) [19610] RE: Collins 637T-2 Portable Antenna
by "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
- 35) [19611] tech help needed gauss formula
by "Armin Hachmer" <armin@muskoka.com>
- 36) [19612] Re: JUNO QRT Me Soon!
by "Vincent Ferme" <vferme@sprint.ca>
- 37) [19613] RE: "The Art of Electronics" -- revisited
by "L. Mark Pilant - MS ZK03-4/Y02 DTN 264-1529" <pilant@seesaw.UNET.dec.com>
- 38) [19614] Re: QRP-L digest 1207
by jduffy1@ix.netcom.com
- 39) [19615] Help to find JA ham..
by Niel Skousen <skousen@srv.net>
- 40) [19616] Labor Day Sprint: N2CQ
by Ken Newman <n2cq@citnet.com>
- 41) [19617] MFJ QRP rigs?
by nhoop@centuryinter.net (N H)
- 42) [19618] Re: JUNO QRT Me Soon!
by Roger Hightower <n7kt@earthlink.net>
- 43) [19619] Ten Tec VFO wanted

- by "Steve Miller" <kg7pv@teleport.com>
- 44) [19620] RE: [CW] Antennas for Condo
by Brad Mugleston <bmug@gwl.com>
- 45) [19621] QRP DX!
by Sam Billingsley <SBillingsley@usaninc.com>
- 46) [19622] Joe Everhart Pizza Reminder, Last one
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 47) [19623] Contests/Humor
by jaywa5whn@juno.com
- 48) [19624] RE: QRP DX!
by Sam Billingsley <SBillingsley@usaninc.com>
- 49) [19625] good book: Electronic Principles by Albert Paul Malvino
by Dan Halbert <halbert@bbn.com>
- 50) [19626] Microsoft word thesaurus jokes
by Dan Halbert <halbert@bbn.com>
- 51) [19627] 624 Kits
by Mercxx@aol.com
- 52) [19628] Re: JUNO QRT Me Soon!
by kaliic <kaliic@ime.net>
- 53) [19629] Thanks
by Mercxx@aol.com
- 54) [19630] Re: HF FREQUENCY METER
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 55) [19631] Swap: TRW PT series rf transistors
by n5inz@juno.com (John M Andrews)
- 56) [19632] DL-QRP-Homepage
by "Peter_dl2fi" <Peter_DL2FI@CSI.com>
- 57) [19633] Re: "Why QRP?" presentation now online
by DENNISMO@aol.com
- 58) [19634] 30 meter Tixie
by "Conant, Paul" <paul.conant@lmco.com>
- 59) [19635] scope manual?
by "Brad Hernlem" <alihernlem@hotmail.com>
- 60) [19636] FOX: SECOND CALL FOR FOXII!!!
by "Paul R. Valko" <prvalko@oakland.edu>
- 61) [19637] Re: SST
by Bob Patten <n4bp@bc.seflin.org>
- 62) [19638] Re: FD & Backpacking photos on my web site
by Dave Ek <ekdave@earthlink.net>
- 63) [19639] Re: JUNO QRT Me Soon!
by "Ron Smith" <resmith666@uswest.net>
- 64) [19640] MI and Spartan Sprint
by gsurrency@juno.com (Gary L Surrency)
- 65) [19641] Re: Low-pass filter posting
by gsurrency@juno.com (Gary L Surrency)
- 66) [19642] Re: LDG tuners
by Scott Howell <whowell@hq.nasa.gov>
- 67) [19643] RRe: Contests

- by "Bill Todd" <bill@willapabay.org>
- 68) [19644] Re: JUNO QRT Me Soon!
by "Dan Hanson" <kd6rxz@hotmail.com>
- 69) [19645] Re: Multi-pin power connectors
by Tellefsen Bob-CNSE97 <cse97@lmpsil02.comm.mot.com>
- 70) [19646] Re: K2 QSK characteristics ?
by "Eric Swartz - WA6HHQ, EleCraft" <erics@elecraft.com>
- 71) [19647] MI QRP Test
by Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>
- 72) [19648] Juno / HotMail / ISP's
by Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>
- 73) [19649] NorCal web site award
by Bill Jones <kd7s@psnw.com>
- 74) [19650] pixie
by bkobie@webtv.net (patrick obrien)
- 75) [19651] Weekend totals...
by we6w@juno.com
- 76) [19652] Spartan Sprint: LOGs where???
by we6w@juno.com
- 77) [19653] Re: Juno / HotMail / ISP's
by applitech@mcg.net (Claton Cadmus)
- 78) [19654] Need schematic for Heathkit Code Oscillator
by Bob Painter <turnkey@exo.com>
- 79) [19655] RE: morse code as a foreign language?
by "Hulbert, Nick" <nick.hulbert@lmco.com>
- 80) [19656] QRP / related items for sale
by Allan Taylor K7GT <k7gt@qsl.net>
- 81) [19657] Re: JUNO QRT Me Soon!
by "Ron Smith" <resmith666@uswest.net>
- 82) [19658] ARRL '92 Hand Book info needed
by "Jonathan C. Mordosky" <mordosky@erols.com>
- 83) [19659] AL7FS Spartan Sprint comment on WE6W notes
by "Larsen, Jim" <JLarsen@alascom.att.com>
- 84) [19660] pixie
by bkobie@webtv.net (patrick obrien)
- 85) [19661] Re: FD & Backpacking photos on my web site
by "Ron Smith" <resmith666@uswest.net>
- 86) [19662] manual for oscilloscope
by Rick Weber <weber@accenttech.com>

Date: Mon, 07 Sep 1998 19:33:39 EDT
From: ka7you@juno.com
To: we6w@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [19577] Re: JUNO QRT Me Soon!
Message-ID: <19980907.154701.9271.1.KA7YOU@juno.com>

The JUNO message indicates that you have almost exceeded the maximum number of log-ons for a 24 hour time period.

I received some of those when I was home recuperating from a surgery, and I questioned them about it.

I was told that there was an arbitrary limit to the number of times you can log on to the system each day, and the person seemed to indicate that it was somewhat variable depending upon the overall activity the system was experiencing over some averaged time period.

If you limit your log-ons to a half dozen or so per day, I don't think you will ever see it again.

7 3,

Rod Johnson KA7YOU from CN97ak near Issaquah, Wa. 160M thru 1296 MHz (3456MHz still in the wings)

Date: Mon, 7 Sep 1998 16:47:19 -0700
From: dave_epps@juno.com
To: Qrp-1@Lehigh.EDU
Subject: [19578] Identify solder-solder table
Message-ID: <19980907.164727.14374.2.dave_epps@juno.com>

Tks to all for the info on the solder. I bought a lot of it and glad to find out that it is useful.

The solder table turned out to be a "pot". What I thought was a little solder table in the middle is a 4X4 inch pot of molten solder. Should be useful for removing multi-pin components from old boards.

dave ab5pc morro bay,ca.

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 7 Sep 1998 19:20:02 -0400
From: w2bj@juno.com (Barry J Minsky)
To: ddm@datatamers.com
Cc: qrp-1@Lehigh.EDU
Subject: [19579] Re: NorCal Cascade want
Message-ID: <19980907.194541.-260589.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

I have one I am willing to sell and will call him. What is a fair price?

On Sat, 5 Sep 1998 20:22:32 -0700 (PDT) "David D. Meacham"

<ddm@datatamers.com> writes:

>Gang,

>Anyone have an unbuilt Cascade that they want to sell? A fellow ham

>without E-mail asked me to list the want. If you have one to sell,

>please

>contact Vince Sposato, N2AXV at (732) 872-0749. Many thanks.

>72, Dave, W6EMD

>

>

>

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,

Knightlites, Adventure Radio Society #359,

Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers

Club #3723

Amateur Radio Missionary Service

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 7 Sep 1998 20:12:16 -0400

From: "William C. Robbins" <billrobb@net-link.net>

To: qrp-l@Lehigh.EDU

Subject: [19580] FS: Heath HFT-9

Message-ID: <199809080012.UAA32471@serv01.net-link.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

This is posted for Matt. Please contact him at the address below.

I have for sale a Heath HFT-9 Antenna Tuner. It is the one which goes with the HW-9. The unit is in excellent physical condition. Operating condition unknown. It comes with an original manual. Asking \$40 shipped CONUS priority mail. If interested please contact me at:

n8ugd@net-link.net

Matt

Heathkit Collector
WA8CDU formally WN8CDU

Date: Mon, 07 Sep 1998 20:47:49 -0700
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@Lehigh.EDU
Subject: [19581] LDG tuners
Message-ID: <3.0.5.32.19980907204749.007dccd0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just wanted to let you folk know that I recently purchased an LDG Electronics AT11 qro tuner for my TS570.
I just had to say that first off I am very pleased with both my qro and qrp tuners from these folks and secondly, you couldn't ask for a better company to deal with.
Well ok, haven't found any company yet dealing with any qrp related items to be bad, but my dealings with LDG has been just outstanding. What really friendly and decent folk.
Tnx for the bandwidth. I just had to say something. I guess what I am saying is that when you buy something from LDG and even from some of the other companies I have delt with, you feel as though your buying something from a friend.

72/73 de n3byy

Date: Mon, 07 Sep 1998 20:11:46 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: phelbert@rica.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [19582] Re: Need O'scope recommendations
Message-ID: <35F48452.40868222@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul, I use the Tek 465B. Got it reconditioned and recalibrated from Tucker Electronics. Excellent triggered-sweep 100 MHz dual-beam scope. Somewhat complex to set up and operate compared to your Heath, but not overly so for what it is. I highly recommend it.

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) 33.2 N 96.6 W EM13RE
QRP-L QRP-ARCI FISTS NORCAL ARS 10-X ICQ 16819496

Date: Mon, 7 Sep 1998 21:12:38 -0400
From: w2bj@juno.com (Barry J Minsky)
To: antennas@qth.net, cw@qth.net, qrp@qth.net, qrp-l@Lehigh.EDU, qrp@qth.net
Subject: [19583] Antennas for Condo
Message-ID: <19980907.211239.-157413.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I am looking for a good portable antenna for use in the small balcony of a condo. Any suggestions?

72/73,

Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,
Knightlites, Adventure Radio Society #359,
Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers
Club #3723
Amateur Radio Missionary Service

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 07 Sep 1998 19:20:02 -0600
From: AE0Q V31RY <v31ry@ix.netcom.com>
To: alk0frp@earthlink.net, cw@qth.net, qrp-l@Lehigh.EDU, cqclist@mtechnologies.com
Subject: [19584] K6NCG Photo's
Message-ID: <2.2.16.19980908012002.68f71d08@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

K6NCG (Treasure Island, CA) Alumni!

I know there are a number of ex-Navy ET's and CTM's (maybe RD's and EW's too) on these lists, and I'm looking for any pictures of K6NCG that you might have.

I've gotten slides scanned (on a Kodak Photo-CD) and have a web page with pictures of the crew at K6NCG in 1971-72. If anyone can identify the few hams that I don't have names or calls for, I would appreciate it. Two that I did have calls for have either changed them or aren't licensed now (WB6GND and WA3NOQ).

There is a link to the K6NCG photo's from my main page, url is at the bottom of this msg.

Let me know if you have photos that I can add to the collection. Any year would be nice, how about some of the 'old' ham shack before they gave us the big building in '71?

I can take attachments of any type or size, JPG or TIFF is best.

73 -- Glenn ex CTM-2

"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com --SOWP 5558-M, ARRL LM, QCWA LM, NCVA--
<http://www.qsl.net/ae0q/>

Date: Mon, 7 Sep 1998 20:38:43 -0500 (EST)
From: bkobie@webtv.net (patrick obrien)
To: qrp-1@Lehigh.EDU
Subject: [19585] trade/TRADE
Message-ID: <14373-35F48AA3-715@mailtod-131.iap.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

TRADE...MFJ 9020.....
FOR
MFJ 9030 OR MFJ 9017
MFJ 9020 WAS SOLD BUT FELL THRU, WILL NOT SELL OUTRIGHT/JUST TRADE

73 PAT/K8LEN

Date: Mon, 7 Sep 1998 18:24:26 -0600
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19586] Re: JUNO QRT Me Soon!
Message-ID: <001e01bddaca\$349a0540\$03000004@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="x-user-defined"
Content-Transfer-Encoding: 7bit

Hi Ed...

I'm sure you may also rid that pesky message from your view by signing up for Juno's new PAY service. It was just a matter of time before FREE to them became a pain in the butt! :-)

72

..

>"This message is to inform you that you are approaching
>the limit for the maximum times a member can access
>Juno's central computers. Once this limit has been
>reached you will be unable to check your email for
>24 hours."

Date: Mon, 7 Sep 1998 19:39:04 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: qrp-1@Lehigh.EDU
Subject: [19587] Cascade want
Message-ID: <Pine.LNX.3.91.980907193653.19769B-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
Someone sent me two messages re the Cascade want, and I managed to delete them both without having read them! Please send them again OM.
72, Dave, W6EMD

Date: Mon, 7 Sep 1998 21:56:38 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:whowell@hq.nasa.gov" <whowell@hq.nasa.gov>, "+Doc W.D. Lindsey/
K0EVZ" <70511.3041@compuserve.com>,
//QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [19588] LDG tuners
Message-ID: <199809072200_MC2-58AF-C040@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Dear OM:

Here's my hearty *second* to your comments re LDG. Also own their QRP
tuner, and couldn't be more pleased. Hard to believe how truly
effective it is.

Last Saturday showed it off to our MN/QRP Society monthly meeting. Set
up the Inverted WYE (2 counterpoise wires) in the parking lot. Rigs
were Sierra and SST-20, both just under 2 watts. We worked several East
Coast guys and France :-). The QRP tuner performed flawlessly and so
quickly it was hard to believe.

And yep the company itself is fabulous to deal with. Highly recommended.

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Mon, 7 Sep 1998 21:56:34 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:kl7jaf@eagle.ptialaska.net" <kl7jaf@eagle.ptialaska.net>, "+Doc W.D.
Lindsey/K0EVZ" <70511.3041@compuserve.com>,
//QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [19589] MI Labor Day Sprint
Message-ID: <199809072200_MC2-58AF-C03E@compuserve.com>

MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Bruce:

Thanks very much for the Sprint QSO. You had a FB signal. Sure nice to hear the AK guys coming in. Also snagged Jim AL7FS and later Cam HP1AC. All in all a good day.

Setup was OHR-100A at 5 watts to GAP Titan DX. Tuner = LDG QRP.

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Mon, 7 Sep 1998 21:56:45 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:beaks@westco.net" <beaks@westco.net>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, //QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [19590] Contests
Message-ID: <199809072200_MC2-58AF-C045@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Arch:

Well I for one will always work anyone at any speed! Not so interested in sheer numbers as also having fun and being neighbourly even in the midst of a contest. Just give me a shout sometime:-.

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Mon, 7 Sep 1998 22:01:46 -0400
From: "Heron, George" <G.Heron@dialogic.com>
To: NJQRP <NJQRP@njqrp.org>, QRP-L <qrp-l@Lehigh.EDU>
Subject: [19591] "Why QRP?" presentation now online
Message-ID: <DC98876F9BBBD111A5F900A02461FF13011D0E08@exchange1nj.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain

Some of you might remember from last month when I indicated having given a QRP talk at a local amateur radio club meeting here in northern NJ. I mentioned then that I would make the Powerpoint slides available for the asking, and indeed shipped the big file to those requesting it.

I've now placed the slide show completely online so everyone can view them. You can get to them from the NJ-QRP website home page (<http://www.njqrp.org>) or directly at <http://www.njqrp.org/whyqrp/whyqrp.htm>. You can also download the file directly and view/print on your local computer if you have Powerpoint 97. (But be careful, this is a 2MB file!)

I think many of you will enjoy looking through the QRP explanations, usage of equipment and measurement techniques, photo gallery of current rigs and utility gear, and the references at the end for clubs and vendors.

As mentioned in the credits link from that page, many of you helped in the creation of these slides by contributing your experience and wisdom either directly on these email lists or directly to me. I thank you all for that.

I hope you enjoy the "Why QRP?" slide show. As stated in the "ground rules" section, all I ask is that if you have additions, corrections or other material you'd like to contribute to this presentation, please send it along to me and I'll add to the slides, making it an evolving and living QRP overview document.

72/73,
--George Heron, N2APB
g.heron@dialogic.com in Sparta, NJ

Date: Mon, 7 Sep 1998 22:04:24 EDT

From: B1ljohn@aol.com
To: whowell@hq.nasa.gov, qrp-1@Lehigh.EDU
Subject: [19592] Re: LDG tuners
Message-ID: <8e4d149e.35f490a8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

when I bought my QRP tuner I found them the same, just super and very trusting and very helpful. The business world could take a few lessons from them.

72,

Bill
K9YEQ

Date: Mon, 07 Sep 1998 22:29:35 -0400
From: Scott Bauer <ke3nv@erols.com>
To: qrp-1@Lehigh.EDU
Subject: [19593] Fwd: NW30 ! A mod sent from Roy Gregson
Message-ID: <199809080229.WAA27071@smtp1.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Gang,

Last night, I did a small mod to my NW30 that really helped the receiver. I was going to sell the rig, but could not make my self do it. It took about 30 minutes but was well worth the effort. I now have a much better receiver!! Please read the email below for the details.

By the way, I did have to re-align the rig when I was done.

72, Scott w3cv

>From: ROYGREGSON@aol.com
>Date: Thu, 4 Jun 1998 04:32:33 EDT
>To: ke3nv@erols.com
>Subject: NW30 !
>X-Mailer: AOL 3.0 16-bit for Windows sub 38
>
>Hi Scott, hope this finds you having fun and in good spirits !
>
>I just wanted to pass along to you a simple cure for the problem in tuning T3
>in the NW30. And it is so simple that I cannot understand why I did not

see it

>long ago. All you have to do is replace T3 with an unmodified one, (no broken
>out internal cap), and eliminate C13. The IF stage now performs just like the
>40M version with lots more gain and no strange things happening when T3 is
>peaked. 30M now seems much more active with stronger signals !

>

>Been going through some severe back pains, but starting to get things under
>control now so I can think rationally.

>

>72's

>Roy

>

>

Date: Mon, 7 Sep 1998 20:34:17 -0600
From: "David Ek" <ekdave@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [19594] FD & backpacking photos on my web site
Message-ID: <000701bddad1\$30007bc0\$18ab85ce@davidek>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

For anyone who's interested, I've placed some photos of my Field Day
backpacking trip and my other backpack trip on my web site:
<http://home.earthlink.net/~ekdave>. Follow the "QRP Adventures" link.

72 de Dave AB0GO

Date: Sun, 06 Sep 1998 22:01:33 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: 70511.3041@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [19595] Re: Contests
Message-ID: <35F34C8D.1B5DDDCB@swbell.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

He's telling the truth:

--Nice 45 minute rag chew we had last night Doc on 30M!--

I worked Doc while operating portable from Monaville, (SE) Texas using my homebrew rig based on the 38 Special and an end-fed 200 ft wire strung between the trees. Neither one of us missed a dit.

73,
Steve Yates
AA5TB
aa5tb@swbell.net
<http://home.swbell.net/aa5tb/>
Fort Worth, Texas

Date: Mon, 07 Sep 1998 23:14:11 EDT
From: wb2vuo@juno.com (William K Hibbert)
To: qrp-l@Lehigh.EDU
Subject: [19596] Calling All Rocket Scientists!
Message-ID: <19980907.231413.13919.1.wb2vuo@juno.com>

Seriously, and this IS QRP...

I have a prototype 2 Meter 50 mW beacon, and it weighs in at 1.3 oz, including the lithium battery, good for about 3 weeks run time...

A L-O-N-G while back, (About 1988) there was an article about a Nevada-based model rocket club that was investigating putting a small satellite in orbit with off-the-shelf model rocket engines, and I can't find a trace of the article.

I tried to search this out on the Internet without any luck. I would like to get together with the Rocketeer's and try to tie in the beacon with their effort, if such an effort is still around.

The name was something like "Edge-Of-Space", if I remember rightly...

Could an Amateur satellite, launched by Amateurs be possible?

72/73, Keith, WB2VUO, 100% QRP from the Great Bergen Swamp of WNY
My night light runs more power than my Rig!!!

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 7 Sep 1998 22:30:58 -0600 (MDT)
From: marion@montana.com
To: mjmanship@iquest.net
Cc: qrp-1@Lehigh.EDU
Subject: [19597] Re: K2 QSK characteristics ?
Message-ID: <199809080430.WAA19562@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:00 PM 9/7/98 -0500, you wrote:
>Quoting from a message posted on the Ten Tec reflector:
>
>
>"Be very careful of the K2 as I hear it has very poor QSK."
>
>
>Does this person know of what he speaks ? Where did he hear this ?
>
>
>Mike W90J

The person has clearly never used the rig, or any N6KR designed rig. Roy AB7CE

Date: Mon, 07 Sep 1998 19:42:41 -0800
From: "Jim Larsen (AL7FS)" <larsennnc@alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@Lehigh.EDU>
Subject: [19598] AL7FS and the Sprints
Message-ID: <35F4A7B0.542944BE@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

Now that is better. Not great, mind you, but better. I had 41 QSOs (4 on 15 mtrs) in about 21 S/P/Cs.

For the MI Sprint that make 41 QSOs.
For the SP that makes 30 QSOs.

Signals were heard and worked all the way from HP1-land, GA, SC, PA, NY, NH, NJ, CO, CA, UT, MN, MI, IN, OH, AZ, WA, OK, TX, OR, WA and SD (wonder who that was?).

Thank you everyone. That was fun. Now to go finish up my SW40+. No emails on the L3, L4 issue so I will just follow Gary's lead on this one. One extra turn on L4 and no extra on L3.

73, Jim, AL7FS
Anchorage, Alaska

Date: Mon, 07 Sep 1998 21:52:22 -0600
From: alan dawkins <alk0frp@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [19599] MI QRP K0FRP
Message-ID: <35F4A9F6.6D163B72@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Did 2 hr 15 min

61 Q's 20m only , runs to grocery store, telephone calls, Bronco Game, chicken and potatoe salad. 25 SPC's both corners HP1AC and KL7FS and KL7JAF.

Stongest station AA7QU 59 plus 10. Wild switching between my 4 el mono east and a 4 el tribander west. About 4200 pts

Al K0FRP

Date: Mon, 7 Sep 1998 20:53:04 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [19600] Joe Everhart Pizza Dinner Tonight (Tuesday)
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Joe Everhart, N2CX, esteemed member of the NJ QRP Club and designer of the Rainbow Tuner will be at the Round Table Pizza tonight for a QRP Pizza Dinner and show and tell. Joe will be bringing a couple of his latest offerings to show. So far I have confirmations from:

Paul Maciel
Mike Gipe
Dave Fifield
Doug Hendricks
Joe Everhart
Dave Meacham????
Eric Swartz?????
James & Kathy Bennett
Vic Black
Bob "Soon to be Retired" N6WG
Bob Dyer????

All QRPers are invited. Yeah I know that it is a long plane ride from Detroit, but just think, you get to meet Joe, of Joe's Quickie fame.

Hope to see you there. We'll meet at 6:30 PM, at the Round Table Pizza located near the intersection of 237 and El Camino Real. It's in the shopping center behind Burger King.

72, Doug, KI6DS

Date: Sun, 06 Sep 1998 23:07:46 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: wb2vuo@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [19601] Re: Calling All Rocket Scientists!
Message-ID: <35F35C12.BFFBB1C@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William K Hibbert wrote:

>"The name was something like "Edge-Of-Space", if I remember rightly..."

You're probably thing of "Edge of Space Sciences" and they can be found at the following URL:

<http://members.iex.net/~rickvg/eoss.htm>

You may also want to check out "AMSAT & High Altitude Balloons" at:

<http://www.amsat.org/amsat/balloons/balloon.htm>

Good Luck,
Steve Yates
AA5TB
aa5tb@swbell.net
<http://home.swbell.net/aa5tb/>
Fort Worth, Texas

Date: Tue, 08 Sep 1998 00:46:35 -0500
From: Lee Bahr <bahr521@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [19602] NW30 Extended Tuning Mod
Message-ID: <35F4C4BA.DA15F076@earthlink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have figured out how to extend the tuning range on the NW30 to a full 50 Khz of tuning. Even though most operating is done on the lower 25 Khz, it always bugged me to not be able to cover the whole band when it was only 50 Khz wide in the first place! The problem stems from the fact the variable tuning cap is the same one used on all the NW series rigs. The NW30 unlike the other band variants has it's VFO running way down around 160 meters. This means the variable cap makes very little difference in it's tuning range compared to when it is used at a much higher frequency as in the other NW series rigs. My stock NW30 covered about 38 Khz of the 30 meter band. Of course this makes the rig very stable and causes it to have very very little drift. The fix to increase its tuning range is to modify the variable cap in the VFO circuit to give a greater swing when you tune the capacitor. I found this very easy to do. All you have to do is find a small piece of PRINTED CIRCUIT BOARD material that has a thickness to just allow you to jamb it between the front stator (the plates that don't move) and the front of the capacitor frame. You need to shape the circuit board piece to resemble the shape of the other existing stator plates. A little larger is good. Jamb the plate in place with the copper side facing

into the capacitor. The insulating side touches the front capacitor frame. Then you solder the copper foil of the circuit board material to the stator bar on each side that connects all the stator plates together. I think the modification gave me an extra 5 or 6 pf swing just enough to cover the whole 30 meter band. The modification is strong sturdy and adds no drift I can detect. The rotor clears the new stator plate just fine as is gapped about the same as it is on the other plates and rotors. The only difference I now notice is greater band width on tuning. Of course, you will find the mod changes the calibration so you will have to recalibrate the VFO. Unless you look very closely, you can't tell the cap has been modified. Lee Bahr / w0vt

Date: Mon, 7 Sep 1998 22:51:48 -0700
From: "Radman" <radman@best.com>
To: <whowell@hq.nasa.gov>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19603] Re: LDG tuners
Message-ID: <199809080549.WAA19044@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Scott,

I'll echo the high praises for LDG Electronics and their QRP tuner. I used the LDG QRP ATU exclusively while I was field testing the Elecraft K2 recently. One second "tune-times" were typical whilst using the LDG/K2 Combo into my 40 meter Vee. And, I could achieve 1.1:1 SWR using the same antenna for 20 and 15 meter operation, as well !

And, how many company presidents will spend 15 minutes of their time on the phone with you discussing "Theory of Operation"...?

First rate ! :-)

72 - Conrad Weiss - NN6CW

Date: Mon, 7 Sep 1998 23:31:06 -0700

From: "Radman" <radman@best.com>
To: <mjmanship@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19604] Re: K2 QSK characteristics ?
Message-ID: <199809080628.XAA24128@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Mike,

As a field tester for Elecraft's K2, I feel compelled to post some correctional "user data" regarding the K2's QSK performance. In a word: "flawless." Burdick and Swartz are to be commended for a design that will become a true benchmark of the QRP multiband rigs.

(Perhaps someone on the TenTec reflector confused the K2 with some other transceiver...?!)

Best regards,

Conrad Weiss - NN6CW

Date: Mon, 7 Sep 1998 23:46:54 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-1@Lehigh.EDU
Subject: [19605] The Low-down on Low-pass filters (long)
Message-ID: <19980907.234655.9694.0.gsurrency@juno.com>

Gang,

After responding to several people regarding the necessary changes to low-pass filters (hereafter referred to as LPF) in several popular QRP rigs, I have decided to post this information to the list in the hopes that more people may benefit and be willing to tackle this issue on their own. Please read carefully to understand what is going on here, and don't be afraid to try some ideas on your own. My thanks to Wes Hayward - W7ZOI, and Doug DeMaw - now a SK, for their insight into the origin of this information, waaay back in 1977! ;-)

Also, please don't ask me to provide the exact values for every XYZ QRP rig's LPF that may be out there, since I don't own them all (yet), and haven't the time to look at each and every one, either. If you lack the equipment or understanding to make these changes, then leave well enough

alone.

I may make this info available soon in an issue of one of the popular QRP magazines, if there is sufficient interest.

I was recently reading in an old copy of the ARRL's Solid State Design for the Radio Amateur, by Wes Hayward, circa 1977 publish date. On page 61, Wes and Doug described a way to pre-align filter networks using a 50 ohm bridge and a low-level RF source. Hmmm, I thought. That sounds an awful lot like my new MFJ-259B I recently acquired. Wes has confirmed to me in a separate email that he still employs this method to align his homebrew rigs. I have just adapted the procedure to use the commonly available antenna analyzers that many of us own, rather than using separate pieces of lab equipment, such as an impedance bridge and low-level RF source. Read SSD if you want more info.

OK, from the text, the collector impedance of a PA amplifier can be reasonably approximated by:

$$Z_{\text{collector}} = V_{\text{cc}} * 2 / (2 \times P_{\text{out}})$$

For 5 watts at 13.8 volts, then:

$$Z_{\text{collector}} = 13.8 * 2 / (2 \times 5)$$

$$Z_{\text{collector}} = 19.044 \text{ ohms}$$

So, I paralleled a couple of 39 ohm 1/4 watt resistors (about 18.5 ohms) and tack soldered them across the PA collector in my SW40+. Then, with the MFJ attached to the antenna terminals, I proceeded to find the collector Z of the rig as designed. I later tuned the low-pass filter with the MFJ set at 7.040 Mhz to get exactly 50 ohms, and no X component. Worked like a champ! :-)

Old SW40+ low-pass values:

New low-pass values:

C37 470pf	C37 470pf (same cap)
L3 16 turns on a T37-2	L3 16 turns on a T37-2
C38 .001uf (1000pf)	C38 820 pf
L4 16 turns on a T37-2	L4 19 turns (18 tight) on a T37-2
C39 470pf	C39 470pf (same cap)

The original low-pass filter was resonant below 7.0 Mhz, somewhere in the 6.0 Mhz range if I remember correctly, and the Z was not a perfect match

to the 50 ohm antenna output impedance, but it was closer with a 25 ohm collector test resistor. This confirmed what Dave B. mentioned to me about the original values that were derived from the GM series.

As you adjust the inductors and capacitors in the LPF, you will gain the knowledge of whether the L or C values need to be changed from the original values by watching the results on the SWR / Z meter. It is quite an eye opener.

SW30+ changes:

I've also modified the LPF in my SW30+, but I'm gonna leave this one for you folks to try, now that you have the idea. If I get bombarded with requests for the component values, I'll have to go look at it and pass them along. But I hope owners of the SW30+ will take the initiative that I did, and give it a try. ;-)

You might think you could use the LPF values listed below for the 38S, but the SW30+ comes with T37-6 (yellow) cores, rather than the T37-2 (red) cores supplied in the 38S kit. If you make the necessary changes to the inductors for the appropriate core, you can achieve the desired result. Or, use red cores if you have them. ;-)

Norcal 38 Special changes:

So, onward to my two 38S's. Both of them were darn close to optimum value, from the mods many of us came up with. Slight tweaking of the toroids' windings brought them into perfect 50 ohm impedance match. The new 38 Special LPF values are as follows:

C501 560pf silver mica (s/m)

L3 11 turns on a T37-2 (red) evenly spaced around the entire core

C28 1000pf s/m

L4 12 turns on a T37-2 (red) spaced near the top half of the core

C29 560 pf s/m

Note: C501 is marked on the PCB; C505 on the schematic. C28 on the PCB is marked C25 on the schematic, and C29 on the PCB is marked C26 on the schematic, pg. 11 of the manual.

I found some of the 1000 pf s/m caps varied a bunch in actual measured capacitance, but the adjustment to the toroids' inductance should allow compensation for that. 910 pf to 1100 pf might be OK, too.

Subsequent calculations after changing the low-pass filter, seem to indicate the actual collector Z may be closer to 13.6 ohms if you use the

7 watt output value in the original equation, but it's close enough and works well as-is. I again used the 2 parallel 39 ohm resistors on the PA drain for about 19.5 ohms Drain impedance. Assume Drain impedance for collector impedance in any of this discussion when we are speaking about the IRF510. :-)

$Z_{\text{collector}} = (13.8\text{v}) * 2 / (2 * 7\text{watts})$
 $Z_{\text{collector}} = 13.60 \text{ ohms}$

A 15 ohm test resistor may be more appropriate, for the greatest output if your's is a little anemic. I found only small differences in measured output level and antenna Z looking into the rig's antenna jack when I tried different collector test resistors. Getting the SWR reduced thru the LPF makes the most improvement, as it is usually off by quite a margin. It's kind of like having your antenna tuner mis-matched, but you don't realize this until you do these measurements on the PA LPF.

The 38S MOSFET PA runs darn cool, and is no doubt capable of greater output, but why bother? Other components would likely need changing, and fellow ScQRPion Dan, N7VE has already shown the MOSFET is capable of as much as 25 watts or more, *if* the supply voltage is increased.

Both of my 38S's have Mike Gipe's PIN diode mod, 'cuz without it - the 1N4007s get warm at 5 watts and above. The IRF510 is very cool under continous keydown, with a small Radio Shack extruded T0-220 heat sink, pn. 276-1368, on one of the rigs, and the IRF510 in the other rig is heat sinked to the aluminum chassis and isolated with a silicon thermal pad from an old PC power supply. There seems to be very good efficiency, as I measured a DC supply current of ~830 ma @ 7 watts output with a 13.8 VDC supply.

Norcal NC40A changes:

The NC40A lowpass filter needed a little work, since it was originally set up for only 2 watts of output. The changes I made were:

Old values:	New values:
C45 330pf	470pf
L7 18 turns on a T37-2	16 turns on a T37-2
C46 820	820pf (same cap)
L8 18 turns on a T37-2	19 turns on a T37-2 (or, 18 tightly wound)
C47 330 pf	470pf

Very much the same as the SW40+. Both rigs are stable at various antenna loads, better than before the changes. Even with no antenna for a

brief moment, the output seems clean and stable. I also believe I can lower the voltage rating on the protective zener from its present 43v value after these changes, as it seems the reduced collector Z allows lower collector voltages to appear. Gotta try that still.

The PA transistors on each rig are well within their temperature ratings with normal CW duty cycle, and will even tolerate 10-20 seconds of keydown without excessive temperature rise or damage. I have to make some current draw measurements on the SW40+ to calculate the total transmitter efficiencies, but the NC40A draws about 610 ma at 5 watts output. That's very efficient, and marked less current demand than many rigs I have checked at 5 watts output.

With these values, I was able to achieve ~ 7 watts output on the NC40A and almost 9 watts out with the SW40+ and SW30+, using my OHR WM-1 wattmeter and 13.8 v DC. 5 watts was easy to set with the drive level control reduced. Of course, I am using a 2N3924 final on the NC40A - but a MRF237 works just as well. The stock 2SC2078 is just fine on the SW40+ and SW30+, and it seems happy at the higher power levels with a small TO-220 heat sink. The stock h/s in the NC40A is rather small, so keep its output to 5 watts or less, and play it safe or get a bigger h/s. An NTE401 is a good candidate h/s that is widely available.

These results were the same on all the QRP rigs I have tried it on, and the output looks clean. Anyone with access to a spectrum analyzer is invited to check the spurious output and report their findings.

A look at the low-pass filters in a couple of my S&S rigs tends to verify the component values I came up with through actual tests. They also can produce as much as 8-9 watts if everything is blueprinted to the max. I have reduced the drive to hold the output to a more reasonable 5 watts to preserve the PA's and be "legal" QRP. The spurious output is likely to be less too, if the PA isn't driven too hard.

I should mention I saw no difference in measured collector Z (actually, LPF output Z) when 13.8 v DC was applied to the PA. Of course, I had to have the two 39 ohm resistors connected on the antenna side of the collector DC-blocking cap to prevent frying them! ;-). So, there is little or no change in static transistor capacitance with Vcc and no drive applied, or with the power off. The Z and X readings on the MFJ-259B are quite sensitive to changes in the inductor windings and/or the capacitors. It's also interesting to substitute different collector test resistances and see the resulting changes in the output Z readings of the low-pass filter, using the antenna analyzer. I encourage you to experiment.

Summary:

The PA has to "see" 15 to 19 ohms impedance to work hard enough to achieve higher output. And, with the low-pass filter optimized with the SWR analyzer, you can be sure the correct RF is passing thru it easily and any power shortcomings must be due to something else, like low drive or voltage drop to the PA collector. With the analyzer, you can see big changes in the LPF characteristics as you change the turns spacing on the toroids. This is the only way I've found to be certain the LPF acts the way it should, and you'll be satisfied it is correct and isn't just left to the chance behavior of the theoretical values.

This is certainly a cool way to utilize your SWR / impedance analyzer to check out filter networks in your radio. MFJ mentions this application in the MFJ-259B manual, but they leave the motivation and details up to the reader. As an example, I have also used my MFJ-259 to align the bandpass filters following the TX mixer in my two TAC-1's. Once you get familiar with the instrument and its possibilities, you'll no doubt come up with some of your own ideas on how to more fully utilize its potential.

DISCLAIMER

Please, please, don't transmit into your antenna analyzer connected to your rig's antenna connector. Be safe, and disconnect *both* the power and key so it's less likely you will do this while working on your rig. Only when you are satisfied with your LPF alignment, and the test equipment is removed from the antenna jack, should you test the results. You have been forewarned!

vy 72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 8 Sep 1998 00:32:03 -0700
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [19606] "The Art of Electronics" -- revisited
Message-ID: <199809080729.AAA16234@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Gang,

I'm probably the last guy on QRP-L to discover, The Art of Electronics, 2nd edition by Paul Horowitz and Winfield Hill.

Had it not been for Laura Halliday -- VE7LDH -- and her witty posts to QRP-L, I never would have seen the light :-). Her recommended reading list is worth your perusal as well: URL <http://mypage.direct.ca/v/ve7ldh/reading.html>

Could 140,000 readers be wrong? Nope, not about this book :-). ... available at fine bookstores on the Internet.

72 - Conrad Weiss - NN6CW

Date: Tue, 8 Sep 1998 01:14:33 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <ka7you@juno.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [19607] Re: JUNO QRT Me Soon!
Message-ID: <009201bddb00\$b76870c0\$2b4ffbce@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Rod -

Sorry to hear about JUNO limiting your access to their system. Hopefully, you will be able to quickly switch to another server. Have you looked into "hotmail.com"? I understand that their e-mail system is ALSO free...but do they also have limits?

Also...isn't Hotmail a system that you can only reach through the WWW (to register and read your mail)? Perhaps someone the QRP-L has the skinny on that question.

CUL, Bill-N7MFB
<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Tue, 08 Sep 1998 04:26:56 EDT
From: "Brian Jones" <brian_jones@uk.ibm.com>
To: gqrp-1@blacksheep.org, qrp-1@Lehigh.EDU
Subject: [19608] On-Air Indicator
Message-ID: <199809080827.EAA132394@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Just a quick THANKS to all who responded. Once spare time becomes available I'll experiment. I knew that the principle was feasible but the key is finding a design that will be cheap enough and with few enough components for some very inexperienced builders to get something working in 90 mins or less either ugly built or on stripboard and that will be latch long enough to not flicker (particularly with my slow CW!)

Thanks for the ideas. If and when I get something useful I'll post a link.

Brian G0UKB

Brian Jones
Java Technology Centre
HURSLEY MP 146 Ext 246896 (+44 1962 816896)
BEJONES AT WINVMD bejones@hursley.ibm.com

Date: Tue, 8 Sep 1998 08:29:44 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: Beaks <beaks@westco.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [19609] Re: Contests
Message-ID: <Pine.LNX.3.95.980908082817.13727D-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If there's a contest, and I'm working it seriously and calling CQ, and you answer me slowly, I'll slow down and work ya.

If I'm doing search and pounce, and you're calling a slow CQ, I'll slow

down and work ya.

Contesting isn't about blazing speed but making QSOs. If I want QSOs, I'll work you.

Scott Rosenfeld ARS NF3I
301-549-1022 (h) 301-982-1015 (w)
Burtonsville, MD
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

On Mon, 7 Sep 1998, Beaks wrote:

> Been debating sending this message as I didnt want to open up a can of
> worms, but here goes anyway. Why are there always so many contests, whats
> wrong with just operating? Yes I know its a chance to work new ones and all
> that but that being the case, I might enjoy the tests more if it wasnt so
> fast, I mean 20+ wpm after a few contacts gets to be too much like work and
> I lose interest and move on to something else. I know there is no changing
> things in the bigger tests, but here on some of the smaller QRP tests and
> sprints what about one with a reduced speed, sort of a speed limit? I know
> the idea is to work as many in the time frame as possible but maybe some of
> us folks who are not die hard testers would be more supportive and
> participate if the pace was a little more relaxed. Maybe you could get X
> number of points to begin with for staying below a certain speed?
> I love to work CW and going on 23 years at it now, but at this stage of the
> game the high speed stuff just is not enjoyable to me and it seems anymore
> that when a test is going on I will just pull the plug or go to 30.
> Just thinking out loud....
> Arch N8EAG
>
>

Date: Fri, 04 Sep 1998 14:52 -0600
From: "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
To: "Ed Tanton" <n4xy@att.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [19610] RE: Collins 637T-2 Portable Antenna
Message-ID: <1DB7DB87@optelinc.com>

Hy-Gain brought out a copy of this antenna for
"commercial/ham" use, but I don't know if it's
still available from them or not. It was similar,
but not quite as "elegant" as the Collins 637T.

Karl K - W8TIF(/5)
McKinney, TX

From: Ed Tanton
To: Low Power Amateur Radio Discussion
Subject: Collins 637T-2 Portable Antenna
Date: Friday, September 04, 1998 12:55PM

Hi Everyone... am I ever tickled... I just bought a Collins 637T-2 Antenna in very good shape, from Michael Crestohl... and is it ever neat! 3-30MHz coverage, smaller than a football (Americal-style), it consists of two small enclosed reels of very nice (probably phosphor-bronze) stranded wire, with a wind-up knob and a 4 or 5 inch gauge on each end (for each reel.) The gauge is measured in MHz, so you reel off each side for the freq you want, wrap it around the locking terminal on top, and pull it up by the molded-in loop on top of the body. After attaching the coax of course. Weighs only a pound or two, and is the best thing I've ever seen for the perfect camping dipole. For anyone interested in seeing one, I have a photo I can send. Really a great camping antenna!

P.S. As far as I know, Michael only had the one, so there's no use in bugging him. There was another for sale, NIB, on one of the reflectors just the other day, but it went VERY quickly-and was the only one the seller had. Went for \$250, new.

73

Ed Tanton N4XY EMAIL: n4xy@att.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

INTERESTS: QRP BoatAnchors Test Equipment Photography
CW: 99.9% Mercury Paddle # 0214 QRP to 150W: 95%

~~~~~  
"Think you can, think you can't: either way you're right!"      Henry Ford  
~~~~~

Date: Tue, 8 Sep 1998 08:55:13 -0400
From: "Armin Hachmer" <armin@muskoka.com>
To: <qrp-1@Lehigh.EDU>
Subject: [19611] tech help needed gauss formula
Message-ID: <199809081302.JAA01683@gold.muskoka.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

A friend with a pacemaker is worried about upcoming work in a mine. Can anyone help with the formula for gauss based on power levels? We have found formulae to convert Tesla to Weber to Maxwell to Gauss but can not find formula to determine Gauss based on power.. (The tolerance for the pacemaker is expressed as 10 Gauss)

Any help would be appreciated.

Armin Hachmer VE3TEQ

RR1, MacTier, Ontario, Canada, P0C 1H0

705-375-1600

Date: Tue, 8 Sep 1998 09:05:46 -0400

From: "Vincent Ferme" <vferme@sprint.ca>

To: <qrp-l@Lehigh.EDU>

Subject: [19612] Re: JUNO QRT Me Soon!

Message-ID: <005401bddb29\$65a55cc0\$831205d1@frsswilap04284.callnetcanada.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Bill,

As far as I know JUNO and the many FREENETs around the country are the only ones providing free dial-up access. Everybody else requires an existing internet connection to access the www e-mail service.

73 de Vince, VE3VFN

>Also...isn't Hotmail a system that you can only reach through the WWW (to
>register and read your mail)? Perhaps someone the QRP-L has the skinny on
>that question.

Date: Tue, 8 Sep 98 09:26:32 EDT

From: "L. Mark Pilant - MS ZK03-4/Y02 DTN 264-1529" <pilant@seesaw.ENET.dec.com>

To: qrp-l@Lehigh.EDU

Cc: pilant@seesaw.ENET.dec.com

Subject: [19613] RE: "The Art of Electronics" -- revisited

Message-ID: <9809081326.AA27995@us2rnc.zko.dec.com>

Conrad, you probably also want to check out "The Art of Electronics Student Handbook." Not quite as common as the big book, but just as useful. (The student handbook has the answers to the exercises presented in the main text as well as other useful information.)

73

- Mark N1VQW

Date: Tue, 8 Sep 1998 08:41:25 -0500 (CDT)
From: jduffy1@ix.netcom.com
To: qrp-l@Lehigh.EDU
Subject: [19614] Re: QRP-L digest 1207
Message-ID: <19989892828341@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

>John, K6QQ wrote:

>k6qq@hdo.com

>I'm not saying that SGC is doing anything wrong, quite to the contrary.
>Rockwell sure couldn't offer a rig like the 2020 for anything near the
>price. Just don't expect to get a state-of-the-art mil-spec radio
>for that price from a company that is in a cut-throat price-sensitive
>market.

John,

You stated it accurately. SGC is OFFERING the 2020 transceiver. Now, delivering the radios is a totally different debate. Furthermore, I like how you stated it in the last sentence, "Just don't expect to get a state-of-the-art mil-spec radio..."

Still waiting for mine. On the third retailer since January.

Regards,

Duffy - WB8NUT

Date: Tue, 8 Sep 1998 07:52:31 -0600
From: Niel Skousen <skousen@srv.net>
To: qrp-l@Lehigh.EDU
Subject: [19615] Help to find JA ham..
Message-ID: <v04003a02b21ae55c8473@[12.7.216.185]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I would like to find a current address for

Takeharu Matsumura, JA4BJ0

He is a ham I met 20 yrs ago in Hiroshima, who loaned me the book " English
for Ham QSO's" by JA1ANG. I just found again and need to return it... (
warui gaijin na, mo giri nashi metai ! gomen kudasai)

takusan 72's,
yoroshiku

Niel

Niel Skousen : WA7SSA skousen@srv.net
Idaho Falls, ID QRP-L.119 fr DN33wm

Date: Tue, 08 Sep 1998 09:56:20 -0400
From: Ken Newman <n2cq@citnet.com>
To: QRP-L@Lehigh.EDU
Cc: njqrp@njqrp.org, epaqrp-l@Lehigh.EDU, dougbankston@email.msn.com
Subject: [19616] Labor Day Sprint: N2CQ
Message-ID: <1.5.4.16.19980908135347.267fb896@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gruppe,

Michigan QRP Club
Labor Day Sprint

Call used: N2CQ

Location: NJ

Category: Single Op All Band

Mode: CW

Power: 5 W

Callsign of Operator: N2CQ

Exchanged Information: N2CQ RST NJ 1614

Hours of Operation: 03:41

band	QSOs	points	BPts	mults
160	0	0	0	0
80	0	0	0	0
40	34	104	156	14
20	33	90	135	13
15	3	6	6	3
10	0	0	0	0

TOTAL	70	200	297	30

SCORE: 297x30=8910
^^^^

Comments:

40 Meters: OHR 100A - Center Fed Zepp up 35'
20 Meters: NW8020 - TA33jr Tribander up 40'
80 & 15 Meters: TS-850S (5 Watts)

Great activity on 20 but none on 80. Loud signals on 15 for TX/CO skip but weak to CA. A great skip to AK on 20 (0008 -0012).

Both AL7FS and KL7JAF came one after another. 8-)

Thunderstorms near the end said QRT! Thanks to all for the QSOs.

72/73,

Ken Newman, N2CQ

Woodbury, NJ

N2CQ@Citnet.com

Date: Tue, 08 Sep 1998 14:11:09 GMT

From: nhoop@centuryinter.net (N H)

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [19617] MFJ QRP rigs?

Message-ID: <36003a16.9206744@mail.ot.centuryinter.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Are the MFJ QRP 90xx rigs as good as they advertise? If so, does anyone have a used on 9040 for sale?

One more quesstion: Is teh dial calibrated so one can tell what freq. they are on?

72 Nat KM5QU
Oxford AR
QRP-L #1665

Date: Tue, 08 Sep 1998 07:16:11 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: bill@willapabay.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [19618] Re: JUNO QRT Me Soon!
Message-ID: <35F4D9BB.D6E80809@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Virtually all of the spam I've received has come from Hotmail.com.

I now have a filter set up that automatically dumps all mail from hotmail.com right to the trash.....no more problem.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

Date: Tue, 8 Sep 1998 07:23:47 -0700
From: "Steve Miller" <kg7pv@teleport.com>
To: "Ten Tec List" <tentec@akorn.net>, "QRP-L : to send msg to list" <qrp-1@Lehigh.EDU>, "Scott @ Ten Tec" <sales@tentec.com>
Subject: [19619] Ten Tec VFO wanted
Message-ID: <009201bddb34\$4d52db60\$d1a9cacc@newmicronpc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Am looking to purchase a Ten Tec VFO for my Corsair II. I'll take either vfo - the matching one for the Corsair 1 (model 263) or the matching one for the Corsair 2 (model 263G). Would prefer the 263G. Any one have one they would like to sell?

Steve Miller kg7pv@teleport.com
Portland,OR

Norcal #308, ARCI #9230, QRP-L # 109

Date: Tue, 8 Sep 1998 08:35:34 -0600
From: Brad Mugleston <bmug@gw1.com>
To: "'Barry J Minsky'" <w2bj@juno.com>, "antennas@qth.net" <antennas@qth.net>, "cw@qth.net" <cw@qth.net>, "qrp@qth.net" <qrp@qth.net>, "qrp-l@lehigh.edu" <qrp-l@Lehigh.EDU>, "qrpp@qth.net" <qrpp@qth.net>
Subject: [19620] RE: [CW] Antennas for Condo
Message-ID: <01BDDDB03.A6E740C0.bmug@gw1.com>

I just completed the vertical published in the August '97 QST. It works great can be made to cover 80-2M and when taken down no more than 5 feet long. Basic design (which I didn't use) has a bar clamp for the base to you can attach it anywhere.

de KB0ROL, Brad

-----Original Message-----

From: Barry J Minsky [SMTP:w2bj@juno.com]
Sent: Monday, September 07, 1998 7:13 PM
To: antennas@qth.net; cw@qth.net; qrp@qth.net; qrp-l@lehigh.edu; qrpp@qth.net
Subject: [CW] Antennas for Condo

I am looking for a good portable antenna for use in the small balcony of a condo. Any suggestions?

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,

Knightlites, Adventure Radio Society #359,

Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers

Club #3723

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< >
< * * * * * THE CW REFLECTOR * * * * * >
__Subscribe To: Majordomo@qth.net with Body: subscribe cw
__Unsubscribe To: Majordomo@qth.net with Body: unsubscribe cw
__To post, send to cw@qth.net please, CW issues only
__For digest version, Subscribe to cw-digest through majordomo@qth.net
__For archives of postings, see web page <http://www.qth.net/cw-digest.archive>
__To contact list owner, email to owner-cw@qth.net

Date: Tue, 8 Sep 1998 10:41:11 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [19621] QRP DX!
Message-ID: <21E06269B00ED111BE9B00805F6D0FA3380C48@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

I was on Saint Simons Island, Ga this weekend with my INDEX and 20 ft semi-vertical wire with single wire counterpoise working from ground level condo. Five (5) countries in a few hours.

Heard KH6AFS/Sam QRP (5w) booming in 579 working many stations back-to-back. Tried several times but NL. Does anyone know what antenna he is using?

With the SF up to 150+ and the Aindex down low everyone should be working the world with five watts and a decent antenna.

Sam Billingsley AE4GX Atlanta, GA

Date: Tue, 8 Sep 1998 07:53:54 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@Lehigh.EDU>
Subject: [19622] Joe Everhart Pizza Reminder, Last one
Message-ID: <01bddb38\$8058d9c0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What: QRP Pizza Get Together

Who: All QRPers in the Bay Area (or willing to travel to same)

When: Tuesday, Sept. 8, 6:30 PM til ????

Why: As the Beach Boys used to say, "FUN, FUN, FUN" and Daddy isn't going to take your T-Bird away.

Where: Round Table Pizza, in the shopping center at 237 (Grant Road) and El Camino Real. From the North Take 101 South until you see 237 West. Take 237 West until you come to El Camino Real. Left Turn. Go about 200 yards, Turn right into car park after you pass Burger King. Round Table Pizza is in the corner straight ahead. If you are coming from the South, Take 101 North, same directions as above.

*Note car park is English for parking lot, which I learned very quickly last summer. 72, Doug, KI6DS

Date: Tue, 8 Sep 1998 09:06:25 -0600

From: jaywa5whn@juno.com

To: qrp-l@Lehigh.EDU

Cc: vole@primenet.com, bensondj@aol.com

Subject: [19623] Contests/Humor

Message-ID: <19980908.090626.19022.0.jaywa5whn@juno.com>

My thanks to the Michigan QRP Club & Adventure Radio Society. That was a lot of fun last night. Quite a few participants. I could only hang in there for a few hours. We should do that more often, over lap 2 QRP contests.

Most all of the QRP contests that I have been involved in, except the November Sweepstakes, are really laid back, not out for the kill, type of contests. In fact, one QRP AField {'96}, in a cow pasture, I had watched NA5N get involved in a long winded QSO & no body had really cared, during the contest. For QRP TTF {'97}, the NJQRP Club should have received the award for most humorous implimentation of a theme;

http://www.njqrp.org/data/qttf_report.html

Do we take the contests seriously? Nah. Jose - AB7TT {currently missing in 3D, he was too close to Sedona again.} says "If it ain't fun, you are not doing it right."

"QRP AField" is next {contest manager is NN1G, bensondj@aol.com}. Where is everybody headed on Sept. 19 for this event? After last night, certainly not any where near Rochester or Syracuse, NY. Anyone going to

be on 10 GHz or above? How about 6 meters? Anyone planning on using the satellites?

Talk to most of you again, during "QRP AField". Don't forget to scan the Novice/Tech HF bands for "CQ QRP TEST".

72...Jay, WA5WHN

DM65qd AlbuQRPque, NM USA

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 8 Sep 1998 11:14:32 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: n6mm@earthlink.net, "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [19624] RE: QRP DX!
Message-ID: <21E06269B00ED111BE9B00805F6D0FA3380C5C@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

For all: I had asked what antenna KH6AF/Sam was using to deliver that great signal to the coast of GA last weekend? Harvey, N6MM had the answer.

The RHOMBIC doesn't surprise me. I guess my 20 ft semi vertical wire at ground level was not quite the match. Goes to show what a decent antenna can do for you.

Sam Billingsley AE4GX Atlanta, GA

> -----Original Message-----
> From: Harvey D. D. Hetland [SMTP:n6mm@earthlink.net]
> Sent: Tuesday, September 08, 1998 5:50 PM
> To: SBillingsley@usaninc.com
> Subject: Re: QRP DX!

>
> As of a few months ago Sam, KH6AFS, was using a rhombic antenna.
>
> 73, Harvey, N6MM.

Date: Tue, 8 Sep 1998 11:12:29 -0400
From: Dan Halbert <halbert@bbn.com>
To: QRP-L@Lehigh.EDU
Subject: [19625] good book: Electronic Principles by Albert Paul Malvino
Message-ID: <199809081512.LAA05116@franklin.bbn.com>

Without digressing into the philosophical discussions about good and bad textbooks, I would recommend

Electronic Principles
by Albert Paul Malvino

as an excellent basic electronics textbook. It's written in a highly understandable style, with practical examples that speak to circuit design as well as analysis.

The current edition (6th) of the book is expensive, but it's revised often, you can probably find an older used edition more cheaply.

I used to spend a lot of time in college bookstores trying to find the really best textbooks. Malvino was recommended by a co-worker. This and the Art of Electronics are the ones I like the best.

Dan, KB1RT

Date: Tue, 8 Sep 1998 11:19:28 -0400
From: Dan Halbert <halbert@bbn.com>
To: QRP-L@Lehigh.EDU
Subject: [19626] Microsoft word thesaurus jokes
Message-ID: <199809081519.LAA05125@franklin.bbn.com>

Note that these jokes (e.g. "I'd like to see Bill Gates dead"/"I'll drink to that") are not because of some cute stuff put in by the program authors. They are just the closest phrases alphabetically when the program can't find something. Try just "I'd", and you'll get "I'll drink to that". Still, it's clever.

Date: Tue, 8 Sep 1998 11:28:18 EDT
From: Mercxx@aol.com
To: qrp-1@Lehigh.EDU
Subject: [19627] 624 Kits
Message-ID: <ac663a4a.35f54d12@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi all,

Does anyone have a good phone number or e-mail address for 624 Kits in South Carolina? I am also trying to find out where to obtain a ST Louis tuner..
Thanks for the help in advance...

73s
Steve
N4TKP
FIST 4922

Date: Thu, 11 Jun 1998 15:49:36 -0700
From: ka1iic <ka1iic@ime.net>
To: bill@willapabay.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [19628] Re: JUNO QRT Me Soon!
Message-ID: <35805F00.C14@ime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gentlmen,

Juno was a good deal for me until they dropped the 1-800 number. Then I only had two numbers to pick from, both were long distance (portland and bangor). They never got an Augusta number which I thught was stupid because Augusta is the capital after all!

I used the Portland for a month and I soon found out it cost me more (9cents per min) than it would cost for a full time Internet provider.

That's why I now have a full time ISP...

Oh yeah Juno use to get after me for sending too much e mail, they even

accused me of sending unsolicited e mail etc etc. This unsolicited e mail was nothing more than a local club newsletter!

So do you get the feeling I have no love foe Juno?

73 & 72

Have a good day and a better tomorrow!

Vince
kaliic
-.-.-

Bill Todd wrote:

>
> Hi Rod -
>
> Sorry to hear about JUNO limiting your access to their system.
> Hopefully, you will be able to quickly switch to another server. Have you
> looked into "hotmail.com"? I understand that their e-mail system is ALSO
> free...but do they also have limits?
>
> Also...isn't Hotmail a system that you can only reach through the WWW (to
> register and read your mail)? Perhaps someone the QRP-L has the skinny on
> that question.
>
> CUL, Bill-N7MFB
> <http://www.willapabay.org/~bill>
> ICQ me @ 8926298

Date: Tue, 8 Sep 1998 12:14:05 EDT
From: Mercxx@aol.com
To: qrp-l@Lehigh.EDU
Subject: [19629] Thanks
Message-ID: <b496fe14.35f557cd@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Thanks for the responses to my question on 624 Kits.. I have my answer.

73s
Steve

N4TKP

Date: Tue, 8 Sep 1998 09:25:17 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <hk4bmg@epm.net.co>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19630] Re: HF FRECUENCY METER
Message-ID: <09d401bddb45\$46a189e0\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Juan --

>I would like to add frequency meter to a DC receiver, I remember
seeing frequency
>counter designs...

I think my Digital Clock Counter kit would do the job for you. Take
a look at <http://www.blueskyengineering.com/DCC.html>

Mike K1MG

Date: Tue, 8 Sep 1998 11:51:14 -0500
From: n5inz@juno.com (John M Andrews)
To: qrp-1@Lehigh.EDU
Subject: [19631] Swap: TRW PT series rf transistors
Message-ID: <19980908.115115.3382.8.N5INZ@juno.com>

Trade TRW PT series "helicopter" types for QRP magazines or QRP related
items

16 in all(plus a few Motorola removed from equipment). PT's are new/old
stock.

Examples: 2N4128...2N4041...PT5654...2N4430...PT5651...2N4429...others.

John-N5INZ

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Date: Tue, 8 Sep 1998 18:16:55 +0200
From: "Peter_dl2fi" <Peter_DL2FI@CSI.com>
To: "'Internet Liste via PoP3'" <qrp-l@Lehigh.EDU>
Subject: [19632] DL-QRP-Homepage
Message-ID: <000001bddb49\$127cb460\$2da0fea9@ZenkerPN.perkin-elmer.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you are interested in the German QRP scene, visite the DL-QRP-AG The
German QRP Club homepage at
http://ourworld.compuserve.com/homepages/Peter_DL2FI

Very new there is a schematic of our next club project, the extra low budget
multiband txvr with moduls.

I also added some fotos and links, some of you will be interested in THE
FISHERMANS DIPPER and THE FISHERMANS MATCHBOX (Yes, we use the fisherman
boxes, altoids are very seldom in Germany.

Have fun, Peter

Date: Tue, 8 Sep 1998 12:55:03 EDT
From: DENNISMO@aol.com
To: qrp-l@Lehigh.EDU
Cc: G.Heron@dialogic.com
Subject: [19633] Re: "Why QRP?" presentation now online
Message-ID: <be7ccb95.35f56167@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

George..

I just sat through your slide presentation on line and I think you did a comendable job of putting the thing together. I'm relatively new to Ham radio and I've been a member of this list almost since my entry into this wonderful hobby. I wish I would have had access to your slide program at the start. Wow... I would have saved myself asking a bunch of questions and it would have saved the fine folks on this list a bunch of answers. I think an alternate title for the program could be " Almost Everything You'll Want To Know About QRP Without Asking " I can't remember if there is an introductory message that folks receive upon joining this list but if there is - a mention of this program and a link to it should be offered to all new users in case they are green, newbies, rookies, or just nosey - (I fit all those handles, by the way.)

In short, you can say I liked your program. I hope that you can keep it on line and available so that I can point others to it when they ask me "... exactly what is QRP?" To show you where I was at when I first got my license in August of 1997. I received a complimentary copy of The Ham Companion from ARRL and in it was an article by a guy who was pictured sitting in his patio with what appeared to be a very small rig on his lap. He was wearing earphones and he was using a very small set of paddles. The artical kept refering to QRP but I looked in every book and manual I had but I couldn't find a definition for QRP. I even looked in my ARRL handbook without success. If only I would have had access to your program...it would have be great!

George, tnx for the opportunity to run through the slides. I can only imagine how much better it will become with input from some of the folks on this list!

72 es God Bless de Denny AD6EZ<><

Date: Tue, 08 Sep 1998 10:58:26 -0600
From: "Conant, Paul" <paul.conant@lmco.com>
To: "'QRP-L (POST TO LIST)'" <qrp-l@Lehigh.EDU>
Subject: [19634] 30 meter Tixie
Message-ID: <C95C7DB8B9A8F01195C40000F81F32FD1EB633@emss02m09.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain

I'd like to know what component values have been used to put the Tixie or

Pixie II on 30 meters. That's all.

Paul, WQ5X

Date: Tue, 08 Sep 1998 10:02:55 PDT
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [19635] scope manual?
Message-ID: <19980908170256.5675.qmail@hotmail.com>
Content-Type: text/plain

Anybody know where I could get a Tektronix 7613 oscilloscope manual or copy?

Thanks

Brad Hernlem
alihernlem@hotmail.com

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 8 Sep 1998 13:05:14 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [19636] FOX: SECOND CALL FOR FOXII!!!
Message-ID: <Pine.OSF.3.95.980908130343.16940A-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

September 8, 1998

Hey Gang,

To repeat for the benefit of those who were on vacation or otherwise off QRP-L last week...

Can you believe it? It is time to announce the

Q R P - L F O X H U N T !

For those of you new to the list and haven't read through all the archives for the past four years here is a brief overview:

The QRP-L Fox-Hunt is arguably the most popular QRP operating event on the planet. Thousands of two-way QRP QSO's have been generated during this event since Chuck Adams (K5FO) started the first Foxhunt five years ago. I'll borrow from Chuck here, to explain...

Starting the first full week of October, and for approximately 22 weeks (until Mar 4th 1999) thereafter we get two of the individuals on this list to get on the air for two hours at a predetermined date and time each week. This on 40M CW and during the middle of the week.

This gets us on the air when there are no contests, sprints, or world wide pileups fighting for points. We generate our own microcosm of those larger contests. I think that those that participated enjoyed it very much and the flurry of posts the days after (which were not enjoyed by everyone and hated by a few) really showed interest with lots of tales of worked and not worked and some feel for how difficult two way QRP QSOs are to get going.

The "fox" posts the list of contacts within a few days afterwards and W8KC periodically posts updates on the "scores". The fox gets two points per two-way QRP contact with QRP-L members (verified by an exchange of a QRP-L number) and one point for any other type of contact with an non-QRP-L, or QRO contact.

PRELIMINARY RULES... SUBJECT TO CHANGE...

PRIZES - As noted last year... this is a "FUN" event. Originally, there were LOTS of valuable prizes but that turned the whole thing into more of a "contest" than an excuse to play with the radio a couple times a week. Now... should you wish to offer a "prize" email me and we'll discuss. QRP-L members have dug into their own pockets to supply things like, kits, QRP club memberships, coffee mugs, etc. Corporate sponsors may wish to consider this too! I'm up in the air on this issue as of today.

SUB-CONTESTS - Teams have often been made up and competed against one another. That function is the responsibility of the groups that form teams. Results are NOT compiled by me and are not part of the OFFICIAL Foxhunt.

LOGS - The log shall have the following layout:

GMT	STATION	RSTgiven	RSTreceived	STATE/PROV	QRP-L#	pwr
	pts					

0200	w8kc	559	559	mi	59	2w	2
0201	k5fo	579	579	tx	1	.9w	2
0202	n8iin	559	559	mi		1kw	1

The FOX is responsible for 100% correct copy!!! Corrections via QRP-L are not permitted and verboten. I know that's a LOT of info to pass in a quick contact, but that's the rules.

Each fox gets two shots or time periods during the 22 weeks to get on and make contacts. No-shows and bad propagation nights will not be allowed a makeup or a rematch. It throws too much paperwork, postings, and general chaos into the smooth operation of the foxhunt.

OK, just an overview. I'm looking for foxes and you need to send ME (don't post to the list) the following info:

FOX NAME:
FOX CALL:
FOX QRP-L Number:
FOX QTH:
FOX CLASS OF license:
FOX CODE SPEED:
FOX RIG and QRP POWER LEVEL:
FOX ANTENNA:
FOX 30 WORD ESSAY, "Why I should be a Fox." - Make it good, kids!

After this first phase, I and my top-secret nominating committee will select the lucky hams to be on the receiving end of this season's pile-ups. I'll work with the foxes to create a schedule, Tuesdays and Thursday evenings, and then I'll post the absolute official rules.

NOVICE/TECH FOXHUNT!!!

I'll take the names and calls of each of the Novices and Tech+ licenses of this group that want to participate as a fox. Send me email with your information.

I'll then post you as part of the list to this group starting with the announcement and we'll have you park on 7.112MHz or nearby to work other members of the group.

A contact with a Novice or Tech+ is worth 3 points because a) slower speed and b) as an additional incentive to help Novices and Tech Pluses along to faster code speed and an upgrade.. This N/T group can use any weeknight and only one two way exchange with each member of the QRP-L group, thus eliminating repeats from the hunters etc. The three points per Novice can be earned at any time although I can foresee that some Novices may want to get on 7.112MHz area on nights of the regularly scheduled fox to increase

their chances of having someone from the other "watering hole" come up in frequency and work them. If two or more Novices show up, they should be separated by at least 2 KHz or more to avoid QRM'ng each other and others.

The Novices will compete for a separate points. Hunters will be able to count the Novice score(s) in their regular scoring total. I'll clarify this if need be but I seems straight forward to me. 3 points both sides Novice-Tech+ and hunters for two way QSOs. All at QRP totals please.

For those who have just joined this program in progress, i.e. QRP-L, here is how you go and get your very own QRP-L Number:

****OBTAINING A QRP-L MEMBER NUMBER

Use this command to obtain a QRP-L member number.

RUN QRP-L X GETNR callsign

example: RUN QRP-L X GETNR W8KC

where "callsign" is your callsign. Send this in the body of a message to LISTSERV@LEHIGH.EDU. Use the word NONE if you don't yet have a callsign. The list of assigned member numbers can be had via the command, also to LISTSERV@LEHIGH.EDU:

GET QRP-L/MISC MEMBER_NUMBERS.TXT

That's it for now... fox applicants will be notified by email that I received their application. Expect 2-3 weeks before the FOX LIST is made public.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Tue, 8 Sep 1998 13:14:40 -0400 (EDT)

From: Bob Patten <n4bp@bc.seflin.org>
To: "David D. Meacham" <ddm@datatamers.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [19637] Re: SST
Message-ID: <Pine.3.89.9809081356.A29239-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 5 Sep 1998, David D. Meacham wrote:

>
> I suggest that you look at my mods article in QRPP, Fall 1997, Page 10.
>
Can anyone send me a photocopy of the article?

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Tue, 08 Sep 1998 11:19:01 -0600
From: Dave Ek <ekdave@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [19638] Re: FD & Backpacking photos on my web site
Message-ID: <3.0.6.32.19980908111901.0079b3f0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

A few of you have reported problems accessing my web page. I noticed that my mail reader would convert the URL directly to a hyperlink, but included the trailing period (which it should not have done). Here is the correct URL:

<http://home.earthlink.net/~ekdave>

Follow the "QRP Adventures" link.

Thanks to those who've visited.

72 de Dave AB0G0

Date: Tue, 8 Sep 1998 11:26:42 -0600
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19639] Re: JUNO QRT Me Soon!
Message-ID: <014c01bddb4d\$db151a80\$03000004@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Have you looked into "hotmail.com"?

Hi Bill and the group...

I would be extremely careful about hotmail.com. Not only is that site responsible for tons of junk mail on the Internet, they have been in the news recently with a password security problem which allowed others to obtain massive password data from their site.

Word to the wise...

Ron Smith
KD7VD

Date: Tue, 8 Sep 1998 10:44:06 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-1@Lehigh.EDU
Subject: [19640] MI and Spartan Sprint
Message-ID: <19980908.104648.11750.2.gsurrency@juno.com>

That was a lot of fun!

Ed, WE6W had such a loud signal on 20m, I had to get several KHz away from him to avoid blocking my AGC. There were many other loud signals, too.

The highlights of the 'tests for me, were working Cam, HP1AC, Jim, AL7FS,

on 20m, and Wes, W7Z0I on 40m right at the end of the contest(s).

Rigs used:

OHR100 w/KC2 on 20m @ 5w sloper dipole
Norcal NC40A on 40m @ 5w indoor dipole

I still have to total up the scores, but many thanks to all who participated.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 8 Sep 1998 10:42:34 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-l@Lehigh.EDU
Subject: [19641] Re: Low-pass filter posting
Message-ID: <19980908.104648.11750.1.gsurrency@juno.com>

>So, I paralleled a couple of 39 ohm 1/4 watt resistors (about 18.5 ohms)
and

Sorry for the typo. Of course that should read 19.5 ohms.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 08 Sep 1998 13:44:24 -0400
From: Scott Howell <whowell@hq.nasa.gov>

To: 70511.3041@compuserve.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19642] Re: LDG tuners
Message-ID: <3.0.5.32.19980908134424.007ed2c0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

tnx to all that replied with such good comments regarding LDG. You know I am more than certain that several companies of qrp gear are on here and it no doubt makes them feel good knowing how we feel. Makes them want to continue to produce excellent high quality gear for Qrp.

72/73 de n3byy

Date: Tue, 8 Sep 1998 10:19:28 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <beaks@westco.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19643] RRe: Contests
Message-ID: <000201bddb51\$5a1680a0\$2f4ffbce@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: Beaks <beaks@westco.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, September 07, 1998 1:54 PM
Subject: Contests

Why are there always so many contests, whats
>wrong with just operating?

Hello Arch -

I understand how you feel about the number of contests that are happening lately. Perhaps we QRPers can label September "Contest Month" (hi hi).

The scheduling of a contest has to do partly with tradition, and with what other "major" ham contests happen to be occurring at the same time. A QRP Club wants to schedule their contest at the same basic time every year. For example: The ARCI and Michigan QRP Club have their contest on the same weekend every year..and other QRP Clubs do the same.

It just so happens that all these clubs have major contests in late August

and September. Plus...other QRP Clubs try to "nail down" a date for their contest too...and you certainly don't want to schedule a contest for the same date as some other QRP Contest - but even that happens from time to time.

QRO Vs QRP:

A Big NO-NO is scheduling a QRP Contest the same day as a major CW QRO contest. I remember this happening one time, and the QRP stations had a difficult time competing with the big signals.

Scheduling a QRP Contest on the same day as a RTTY contest is becoming a problem as well. RTTY operators tend to move further into the traditional CW operating regions of the bands all the time, and it can be a real mess.

Suggestion: If you find yourself on the air some weekend, and everyone is zipping away at 30 wpm on CW, try calling some of the slower stations. Even so, if the station you are talking to is active in the contest, he/she will not wish to chat very much, and will want to move quickly to the next contact.

If this is the case, your idea of moving to 30 meters might be a good idea - and frankly, you will meet many QRPers who have escaped to 30 for that very reason. Also, you can usually find non-contestors in the Novice portion of the band - though there are plenty of Novice/Tech+ ops who are working contests too.

CUL, Bill-N7MFB

PS - Speaking of contests (hi), the NorthWest QRP Club is holding the NERDS contest this Saturday the 12th.

<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Tue, 08 Sep 1998 11:18:37 PDT
From: "Dan Hanson" <kd6rxz@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [19644] Re: JUNO QRT Me Soon!
Message-ID: <19980908181837.10909.qmail@hotmail.com>
Content-Type: text/plain

Well, here comes my two cents!

Personally, I've been very happy with my Hotmail account. I've never

had a problem with junk mail, nor a problem with security (that I know of :). In fact, the only problem I have with the service, is simply that it's funded my Microsoft. But, if it wasn't for Hotmail, I wouldn't be active on the list. I have multiply e-mail accounts, and I couldn't handle the 100+ messages a day in my personal or business accounts. So, I let Hotmail handle all my list mail. Works great for me!

72 de KD6RXZ, Dan

>Date: Tue, 8 Sep 1998 11:26:42 -0600
>Reply-To: resmith666@uswest.net
>From: "Ron Smith" <resmith666@uswest.net>
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Re: JUNO QRT Me Soon!
>
>>Have you looked into "hotmail.com"?
>
>Hi Bill and the group...
>
>I would be extremely careful about hotmail.com. Not only is that site
>responsible for tons of junk mail on the Internet, they have been in
the news
>recently with a password security problem which allowed others to
obtain
>massive password data from their site.
>
>Word to the wise...
>
>Ron Smith
>KD7VD
>
>
>
>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 8 Sep 1998 13:19:41 -0500
From: Tellefsen Bob-CNSE97 <cense97@lmpsil02.comm.mot.com>
To: dave@cads1.net
Cc: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [19645] Re: Multi-pin power connectors
Message-ID: <95A8AD93C03DD2118BD300805FA79E742EE733@s-il02-g.comm.mot.com>

MIME-Version: 1.0
Content-Type: text/plain

Dave:
Interesting to see someone else with the same idea.

" that anything above 15A should go to a H/D Molex connector with a fuse in each line right at the battery, say 12 pin. Divide the positive and negative lines over 6 pins each to distribute the load through the connector."

I run my shack on two multi-battery banks, with connectors so I can move the station from one bank to the other. I did this same bit of wiring several connector pins in parallel to spread the load and reduce the effective contact resistance.

73, Bob N6WG

Date: Tue, 08 Sep 1998 11:45:18 -0700
From: "Eric Swartz - WA6HHQ, EleCraft" <erics@elecraft.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [19646] Re: K2 QSK characteristics ?
Message-ID: <35F57B3E.7C1390D9@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I posted this reply on the tentec reflector.

Hi Chester,

I'm concerned you may be misinformed on the CW break-in performance of the K2. Both Wayne. N6KR, and myself are avid CW operators. As a result we made excellent CW break-in performance a requirement for the K2. Both

of us are using the rigs daily to test them. So far we and our field testers have been very pleased with its CW operation.

We included the following features specifically for CW op's:

1. Smooth diode switched TX/RX break in with no clicks or thumps.
2. Adjustable CW side-tone with tracking RX CW pitch.
3. Adjustable CW side-tone level (separate from the regular volume control).
4. Selectable CW normal/reverse sideband reception.

5. Narrow IF filtering (500Hz, 250Hz optional)
6. Very fast IF derived AGC (which can also be turned off).

I do recall some other recently introduced rigs are using relay switching and audio filtering. Could you have been thinking of one of them?

73, Eric WA6HHQ

<http://www.elecrafter.com>

=====

You wrote on Sat, 05 Sep 1998 06:24:17 -0400 on the tentec reflector:

Re: [TenTec] Need HF Rig Recommendation

Hi Rich...I would suggest hanging on a little longer and getting a Corsair 2 as it has a few more refinements than the Corsair 1. While the TS-830 is a good little rig, if you want the best CW rig, your going to have to look long and hard to find anything better than the Corsair 2. Be very careful of the K2 as I hear it has very poor QSK. Good luck Rich.

Date: Tue, 8 Sep 1998 10:50:09 -0900
From: Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>
To: qrp-1@Lehigh.EDU
Subject: [19647] MI QRP Test
Message-ID: <v03007801b21b381df4de@[208.151.118.42]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

Had a good time in the contest yesterday... 15m stayed alive here for the first half hour and then faded away... 20m remained active throughout the entire test...

I operated 3 hrs and amassed 21 contacts... Highlights included HP1AC and PY2DBU... Rig used: Kenwood TS-450S @ 4.95 watts with a Mosley TA-33 @ 60 ft...

Thanks to all that participated, it was a fun test... Take care and have fun...

72 / 73 / oo's - Bruce - KL7JAF

"Alaska QRP Club" - Web Site: <http://www.ptialaska.net/~bhopskins/akqrp>

Date: Tue, 8 Sep 1998 11:15:24 -0900
From: Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>
To: qrp-l@Lehigh.EDU
Subject: [19648] Juno / HotMail / ISP's
Message-ID: <v03007802b21b3cd71167@[208.151.118.42]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

Just a suggestion for those that are using one of the "Free" mail servers and are growing weary of the limitations...

Check with your local Internet Service Providers and see if you can't find one willing to give you a free trial... Even in our area with minimum competition, 30 day trials are being offered to lure other providers customers away... If it is not for you, or the \$20 a month tariff is too high, just cancel... If you try it for a month, I think you will find that what you have been missing just in e-mail convenience will be worth the \$20... The ham radio/qrp related sites on the internet plus any other area that you might be interested in will be a bonus...

The World Wide Web is a garden... Dig it...

72 / 73 / oo's - Bruce - KL7JAF

"Alaska QRP Club" - Web Site: <http://www.ptialaska.net/~bhopskins/akqrp>

Date: Tue, 08 Sep 1998 12:32:21 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@Lehigh.EDU
Subject: [19649] NorCal web site award
Message-ID: <35F58645.1F1B6CF4@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

I noticed a WINNER "Web Site Gold Award" notification on the NorCal web site (<http://www.fix.net/~jparkers/norcal.html>). Perhaps Jerry Parker would give qrp-1 a bit of insight on this.

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Tue, 8 Sep 1998 15:26:56 -0500 (EST)
From: bkobie@webtv.net (patrick obrien)
To: qrp-1@Lehigh.EDU
Subject: [19650] pixie
Message-ID: <13338-35F59310-1803@mailtod-132.iap.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

fellows....
need to know what freq the pixie is on on 80 mtrs, ...new jersey qrp club freq, tn timer advance 73 pat/k8len

Date: Tue, 8 Sep 1998 13:29:51 -0700
From: we6w@juno.com

To: qrp-1@Lehigh.EDU
Subject: [19651] Weekend totals...
Message-ID: <19980908.132952.3814.3.we6w@juno.com>

Another Banner QRP weekend friends.

NA sprint, 1 hour 5 Qso's at 5 watts.
MI sprint, 4 hours 54 Q's at 5W = 4056 pts.
SP sprint, 2 hours, 31 Q's at 5 W.

Maybe, just maybe, the Dit contacts on
the Bug are a might bit charred after this
blazing contest weekend!

What a great time!
72/Ed WE6W
--

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 8 Sep 1998 12:36:20 -0700
From: we6w@juno.com
To: qrp-1@Lehigh.EDU
Subject: [19652] Spartan Sprint: LOGs where???
Message-ID: <19980908.132952.3814.1.we6w@juno.com>

Howdy, had to walk home this morning, another
flat tire...Stuck at home today...

So, I'm filling out my logs and don't recall
where the Spartan Sprints get sent to since
I usually fill in the web page tally...

Any help?

Here's my total:
WE6W/Ed Loranger
5 Watts to 40 Meter Dipole Up 30 feet.
Drake TR-3 rig/Les Logan Bug, tuners etc..

Weight: 30 Lbs (Per maximum).

20 Meters ---> 16 Qso's
40 Meters ---> 15 Qso's

Soapbox: Fun fun fun!

-Ed WE6W/QRP "72"

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 8 Sep 1998 14:56:02 -0500
From: applitech@mcg.net (Claton Cadmus)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19653] Re: Juno / HotMail / ISP's
Message-ID: <00ba01bddb68\$5aacd5c0\$a10a5e2c@groucho>

Also, if you are just interested in email, many ISP's have email only services. I've seen these as low as \$5.00 a month. Such an account gets you only a few hours a month, but it takes only a few minutes a day to grab your email automatically every few hours, less if you do it manually once or twice a day.

Hope this Helps.

73 de KA0GKC Claton Cadmus
cla@mcg.net
MNQRP #1
Minnesota QRP'ers we're looking for you!
Email me or visit this page <http://www.qs1.net/mnqrp>

Date: Tue, 08 Sep 1998 13:49:55 -0700
From: Bob Painter <turnkey@exo.com>
To: qrp-1@Lehigh.EDU
Subject: [19654] Need schematic for Heathkit Code Oscillator
Message-ID: <199809082042.NAA27882@ns1.snni.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I have a broken Heathkit Code Oscillator, sticker says "HD-1416". The hard part is my manual, schematic, and troubleshooting/theory of operation are lost. I think if I could get a copy of the schematic and theory of operation/troubleshooting section, I can fix it. An other alternative is to reuse the case and replace the original circuit with an op amp oscillator and call it done.

Does anyone have the schematic for one of these?

I just passed my 5WPM test Saturday to upgrade to tech plus, so now I have a need to practise the sending part of the code.

By the way, this group is amazing! Last week I requested a manual for a twenty year old Heathkit and got a couple of responses.

Thanks,
72 Bob Painter, KF6NKH - Yorba Linda, CA

Date: Tue, 08 Sep 1998 14:54:35 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, hsilver@pyx.net
Subject: [19655] RE: morse code as a foreign language?
Message-ID: <5104C9F8B0B5D1118C250000F8062537CD3A3F@emss02m13.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

Harley,

I will attempt to answer your question from my point of view. It may not be what you are looking for but it's my opinion. Plus unlike your note I will refrain from insults.

I do appreciate your clarification on the point of not criticizing the learning of Morse Code. I believe the skill of Morse Code to be just that, A SKILL, not unlike many other skills. We as individuals are proud of our skills whatever that may be, and there are many. Many of us are not

artists, or skilled archers, or skilled skeet/trap shooters, or even skilled Bowlers. We as individuals, people, achieving things based upon our interests and based upon our God given talents. I marvel at people like Paul Harden NA5N who can draw, sketch, and illustrate in QRPP as he does. I was hiking in the Rockies this weekend near Cripple Creek, CO. and happened upon a "Mushroom Club". They were in force collecting mushroom specimens, photographing them, measuring them, etc. and ultimately they take them home and eat them!! They are putting their skill and knowledge to the ultimate test. There are many mushrooms out there that if you eat the wrong one....that's it!! For them the proof of their skills is in the eating. For CW it's simply the speed. There are many other skills out there that I won't mention but you know of them I'm sure. So what's my point to all this? Simply that SKILL is an integral part of our being and that we collectively appreciate each other's skills although we cannot possibly be able to do each and every thing that someone else can do. In general we all accept that and admire those who can do what we can't. We admire and appreciate it even more when we've had a small experience in a particular skill, and then watch the pros do their stuff. A Professional sport is filled with skilled people but we can't all be in professional sports.

Now let's look at CW. I'm sure you'll agree that CW is a skill. Over the years I've worked with many people, of all ages, in the process of learning Morse code. They learn at different levels, rates, and proficiencies, but ultimately they become Amateur Radio Operators by passing the FCC exams. Many have upgraded and many have stayed where they are because of interest, time, or other life factors. Over the years I have also listened to many who have complained about the code, how hard it is, and how much time it takes to learn it. Those statements are true for some and not for others. After all we're talking about a skill. Just so happens it's a skill that is attached to becoming a licensed ham radio operator. The attachment has come out of the legacy of radio operating over many years and accepted by all of those who enter the ranks by meeting the requirements. Amateur Radio just so happens to be one of the very few activities regulated by the governments of various countries including the US and Canada. But remember that there are many skill based activities that are regulated. Professional sports, shooting clubs, bowling leagues, etc. Even the Mushroom Club!! So due to that regulation and the levels of license classes the FCC (for the US) has set forth requirements for achieving various classes or levels within the amateur structure. These levels are based upon written technical and operating knowledge, and of course CW requirements. Until the US no code license, entry into the ranks required a demonstration of limited proficiency in CW skills and technical/operating knowledge. For more privilege other than entry level one had to demonstrate increased CW skill and written knowledge. I might add that the US General Class to Advanced class license has no additional CW skill requirement and there is a marked increase in operating privilege. This is contrary to your idea of keying speed being the deciding factor for increased privilege.

The Amateur Service has been around for a long time and has experienced a boost from the US CB era albeit painful has survived the changes. But there has been an ever increasing movement to eliminate CW from the Amateur requirements. The reasons cited have been everything from an antique mode of communications to the US government is dropping CW in its military operations why not the Amateur Service? The arguments essentially fail to recognize the skill aspects of CW and are a front for the real reason. They don't want to learn CW!! They want the Amateur phone privileges without learning the CW. Plain and simple. Forget the Amateur Radio Legacy, forget those who have contributed their skills for years in endless aspects of the hobby. It's the 90's and nearing a new millennium and CW is in the way to what they want!! Only those who view the hobby with envious eyes would make such statements about amateur radio operator attitudes like "screw everyone else, I've got mine". What a deceitful methodology for getting around the real reason when confronted by those who look at the NO CODE groupies and simply say study, learn, and go take the test and you'll be there!! It's the age-old desire to get something for nothing. To bypass the system and some have even gone so far as to cheat to get what they want without the effort.

Now, however, we are seeing a new era of tactics. The whining has solidified into a real movement with more energy and money spent on the elimination of the CW skill requirement rather than just learning it. It has almost become a mission for some because the no code idea has been such an underdog for so long. There are many out there who don't need a reason to take on a crusade. It's time and its right and its what they want!! Besides the FCC and the ARRL are listening now where they really didn't before. They have their attention and the FCC and the ARRL are into numbers, headcount, and money!! Kind of overshadows the CW operator at the bottom end of 20 meters just wanting to work one more country, rare DX station, or simply chat. Yeah, that's right chat on CW. Enjoying his or her skill at being able to pick out the station among three or four in a 100hz bandwidth and feeling good about the contact and the "feel" in the skill of CW. Explaining that feeling to a no code person would be like trying to describe the color blue to someone blind from birth. No wonder the no code movement has little sympathy for the skill or desire to experience it. No wonder those who enjoy the skill and see it's purpose in the big picture of radio operating lash out now and then in frustration. As I've said before, the very reasons used for no code in the amateur service are the reasons we should preserve it. And no better place to do that than the Amateur Service. Do we want to maintain a base of multi-skilled radio operators or do we want to transform it into a plethora of voice operators? The no code movement prefers the latter, I do not.

Remember what I said about skills? No one can do everything. Well that's true for the Amateur Service and the skill of CW. A hypothetical example. What if one day someone came to you and your bowling league team and said. There are a lot of people out there who have been watching the bowling

playoffs each year that want to be in the league and bowl each week during the playoff season. The problem is that they can't practice much and really don't want to put too much effort into it. But they have money and want to experience the fun and excitement of the playoffs. Since there will be so many more of them, the bowling alley owner has agreed to shorten the lanes by half and add that many more lanes. Since the lanes are shorter these new people won't need as much skill to participate but we will have to readjust the rules and reduce the size of bowling balls and pins. But it will be just as much fun and more can join in. The bowling alley owner likes it because his sales will go up, the bowling league organization likes it because there will be more membership, and the bowling supplies companies like it because all the bowling lanes and equipment will have to be changed. Oh yes, if you old time bowlers don't like this new arrangement, too bad, you can leave now. There will be plenty of bowlers to fill your shoes (only the definition of bowling has changed).

This is what I see happening to the Amateur Service. The irony of this hypothetical example is that once the new bowlers begin participation it will not be what they observed and were originally attracted to. They will have sacrificed part of the excitement (due to the skill involved) because they wanted to be part of something without the effort. And let's not forget that there will always be those in power willing to give them what they want, NO SKILL REQUIRED!! The no code movement is redefining the Amateur service with the blessings of government and the ARRL. We are trading skill and achievement in favor of the masses. We are also bludgeoned into believing that if we don't have more people that the hobby will go away, our frequencies sold to the highest bidder. Believe me when I say that if big business really wants some frequency within the amateur services our numbers will not deter that acquisition. Look at 220-222 Mhz. Do any of you remember what the FCC said and did in order to take away that 2 MHz from the amateur service? Did you know that the big business concerns that wanted 220-222 MHz have abandoned it and the FCC is putting it on the Auction Block in mid September 1998, for sale to the highest bidder. Never a thought by the FCC of returning it due to lack of use which was the exact same reason for taking it.

Harley, a comment to one of your statements. Believe me when I say that the only part of the radio spectrum that is public is that part which the FCC (for us in the US) dictates. Any other use is considered illegal and a pirate operation.

Regards,

Nick KG5N

Harley Silver - wrote

In retrospect, my reply should have also mentioned, the point of my post was not a criticism of learning morse code, but a criticism of using the SPEED at which one can do CW, as a criterion in some countries between one level of license and another. My first post on this made that point quite clear.

<snip>

Is it just me or is the "screw everyone else, I've got mine" attitude more prevalent amongst those with quicker keying skills ? It seems to be a bit short sighted in my opinion. Then again, I would wonder if the same attitude carries over to other attitudes within the lives of these people. Since they need no one else, because "they have theirs", why would they need to cw with anyone else or the mailing list to contact others for that matter ? After all, they have theirs.

Rationalizing public radio spectrum for use by a very small group based on their ability to key quicker than others, I say again, does not seem to be defensible in the long term given the pressure by competing commercial interests.

<snip>

Harley Silver - Toronto.

Date: Tue, 08 Sep 1998 13:58:02 -0700
From: Allan Taylor K7GT <k7gt@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [19656] QRP / related items for sale
Message-ID: <35F59A5A.1350@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A change in plans (an opportunity) requires that I sell some of my QRP gear collection.

- 1) Yaesu FL110 linear amplifier, QRP in ~ 100W out, 12VDC. \$205 shipped
- 2) Timewave 599ZX DSP unit. \$250 shipped.
- 3) MFJ 9020 20 cw / 4-5W (circa 1992). Runs great. \$103 shipped.
- 4) Wilderness Radio/NorCal SST 40m. ~3W out. tunes 7031 - 7042 kHz. \$73 shipped.

The last two items will not be shipped until after Sept 20.

There may be a pending offer on the MFJ rig.

Back to our regular programming...

--

73 de K7GT

Allan Taylor (a.k.a. Grant)

Pleasanton CA

email: k7gt@qsl.net

Date: Tue, 8 Sep 1998 15:00:22 -0600

From: "Ron Smith" <resmith666@uswest.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <kd6rxz@hotmail.com>

Subject: [19657] Re: JUNO QRT Me Soon!

Message-ID: <019e01bddb6b\$bd19a500\$030000004@primenet.com.primenet.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="x-user-defined"

Content-Transfer-Encoding: 7bit

Dan:

>Personally, I've been very happy with my Hotmail account. I've never
>had a problem with junk mail, nor a problem with security (that I know
>of :). In fact, the only problem I have with the service, is simply
>that it's funded my Microsoft. But, if it wasn't for Hotmail, I wouldn't
>be active on the list. I have multiply e-mail accounts, and I couldn't
>handle the 100+ messages a day in my personal or business accounts. So,
>I let Hotmail handle all my list mail. Works great for me!

Check out these headlines on the news sites:

New freemail bug uses Java to steal passwords:

http://www.zdnet.com/zdnn/stories/zdnn_smgraph_display/0,3441,2132466,00.html

Free-mailers still challenged by password bug:

http://www.zdnet.com/zdnn/stories/zdnn_smgraph_display/0,3441,2131995,00.html

These are just two that I saved -- there were more that indicate the problem continues.

>I've never had a problem with junk mail

One point you obviously missed here. I didn't say that users of HotMail

received a lot of junk mail. What I DID say was that there is a lot of junk mail originated by hotmail.com accounts. I also happen to know that many ISP's have blocked hotmail.com so that these junk mails can no longer reach those ISP's.

Just for information...

Ron

Date: Tue, 08 Sep 1998 17:11:57 -0400
From: "Jonathan C. Mordosky" <mordosky@erols.com>
To: NJ QRP Club <njqrp@njqrp.org>, QRP-L <qrp-l@Lehigh.EDU>
Subject: [19658] ARRL '92 Hand Book info needed
Message-ID: <35F59D9D.F4F4F4B7@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have decided to build a "smart charger" for my Gel-cell batteries. After doing a little research on the charging requirements, one based on the Unitode UC3906 IC seems to be a very good choice. Jade

Products has a good kit, but it is a little too expensive.

Far Circuits sells two printed circuit boards for chargers based on the UC3906 chip. Unfortunately, I do not have access to either article to make a decision. Both chargers are from the ARRL Handbooks. The first one is from the 1988 to 1992 ARRL HB, Chapter 27, Figure 68. The second one is from the 1992 ARRL HB Chapter 27, Figure 66.

If you have a copy of the 1992 ARRL Handbook, would you please look up the articles and let me know the difference between the two.

Thank you in advance,
Jon N3ZIL

Date: Tue, 8 Sep 1998 12:50:36 -0800
From: "Larsen, Jim" <JLarsen@alascam.att.com>
To: "'we6w@juno.com'" <we6w@juno.com>
Cc: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [19659] AL7FS Spartan Sprint comment on WE6W notes
Message-ID: <291F3DB584F5D1119BAF006008CE719E0D5142@AlascamExc1.alascam.att.com>
MIME-Version: 1.0
Content-Type: text/plain

Hey! I feel pretty good with 41 Qs in the MI Sprint and 30 in the SP. I would have expected your count to be much higher, Ed, since you were so darn loud and you are in the Lower 48. I didn't even have a chance on 40 meters. Propagation sure does help though on 20 meter when it finally improves. I finally had to get out of the .059-.062 corridor and find a slightly clearer place. I could not compete with the L48 signal strengths. Once I cleared out a bit, my count went up. I was mostly up at .063-.0655 +- digital junk. People found me. Later I went to hunt and pounce. I think I may get crazy and try .055 to .057 the next time. Anyone ever think of inviting the FISTS folks to participate in the QRP Sprints? Do they have a reflector we can post to? Should we do it? I heard a rumor that they like CW although I don't know if QRP rings their chime or if they can turn down the power on their rigs (just joking :-)).

73, Jim, AL7FS
Anchorage, Alaska

> -----Original Message-----
> From: we6w@juno.com [SMTP:we6w@juno.com]
> Sent: Tuesday, September 08, 1998 11:36 AM
> Subject: Spartan Sprint: LOGs where???
>
> 20 Meters ---> 16 Qso's
> 40 Meters ---> 15 Qso's
[Larsen, Jim] Also your MI sprint, 4 hours 54 Q's at 5W = 4056
pts.
> -Ed WE6W/QRP "72"
>

Date: Tue, 8 Sep 1998 16:52:52 -0500 (EST)
From: bkobie@webtv.net (patrick obrien)
To: qrp-1@Lehigh.EDU

Subject: [19660] pixie
Message-ID: <11468-35F5A734-1523@mailtod-131.iap.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

tnx all for the answers, 1 other question
crystal holder hc-49 or hc-18u
tnx in advance, 73 pat/k8len

Date: Tue, 8 Sep 1998 15:30:48 -0600
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [19661] Re: FD & Backpacking photos on my web site
Message-ID: <022c01bddb73\$2ea92180\$030000004@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dave..

The line in your original message...

><http://home.earthlink.net/~ekdave>. Follow the "QRP Adventures" link.

worked fine. The period after ~ekdave did not become part of the URL.

Thanks for letting me visit your page.

72

..

Date: Tue, 08 Sep 1998 17:14:06 +0000
From: Rick Weber <weber@accenttech.com>
To: qrp-l@Lehigh.EDU
Subject: [19662] manual for oscilloscope
Message-ID: <35F565D4.344A@accenttech.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just bought an old but nicely working Hitachi V152F
Oscilloscope that I want to use in QRP homebrewing. I've figured out
most of the gizmos and knobs by reading a manual for a similar scope.
But, I'd like to get a copy of the real op manual for this critter.

Hitachi says they don't have a single copy left. So, I'm hoping someone
out there in QRP-L land can sell me a Xerox copy of theirs or tell me
where I might find one to copy.

Rick
W9QZ

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End of QRP-L Digest 1208

